



PATENT

Case Docket No. LATTA.002C3

Date: March 4, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Paul P. Latta
Appl. No. : 10/660,924
Filed : September 12, 2003
For : INDUCTION OF
IMMUNOLOGICAL
TOLERANCE
Examiner : Unknown
Group Art Unit : 1632

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

March 4, 2004

(Date)

Marina L. Gordey, Reg. No. 52,950

TRANSMITTAL LETTER

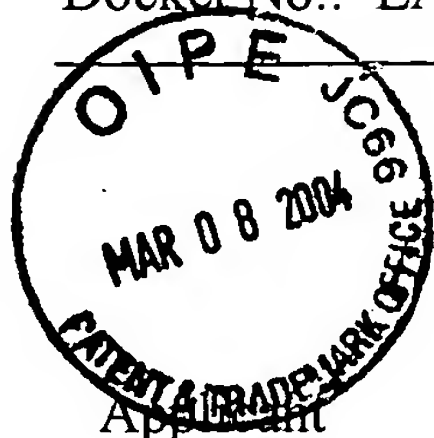
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with fifty (50) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Marina L. Gordey
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INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

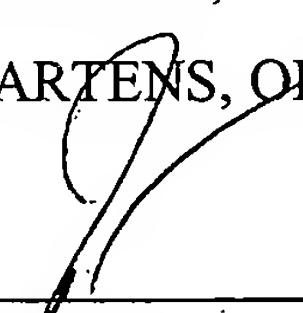
Enclosed is form PTO-1449 listing 50 references that are of record in U.S. patent application No. 09/226,742, filed January 7, 1999, which is the parent of this Continuation application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: March 3, 2004

By: 
Marina L. Gordey
Registration No. 52,950
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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APPLICANT
PAUL P. LATTAFILING DATE
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	4,298,002	11/03/81	RONEL et al.			
	2.	4,353,888	10/12/82	SEFTON			
	3.	4,378,016	03/29/83	LOEB			
	4.	4,673,566	06/16/87	GOOSEN et al.			
	5.	4,689,293	08/25/87	GOOSEN et al.			
	6.	4,696,286	09/29/87	COCHRUM			
	7.	4,806,355	02/21/89	GOOSEN et al.			
	8.	4,892,538	01/09/90	AEBISCHER et al.			
	9.	4,902,295	02/20/90	WALTHALL et al.			
	10.	4,997,443	03/05/91	WALTHALL et al.			
	11.	5,182,111	01/26/93	AEBISCHER et al.			
	12.	5,262,044	11/16/93	BAE et al.			
	13.	5,290,684	03/01/94	KELLY			
	14.	5,529,914	06/25/96	HUBBELL et al.			
	15.	5,425,764	06/20/95	FOURNIER et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	16.	A2 0,147,939	10/07/85	EPO				
	17.	A1 2,034,641	28/05/92	CANADA				
	18.	WO 92/19195	12/11/92	PCT				
	19.	WO 95/03062	02/02/95	PCT				
	20.	0 536 807 A1	04/02/87	EP				

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	21.	Aebischer, P. et al., "LONG-TERM CROSS-SPECIES BRAIN TRANSPLANTATION OF A POLYMER-ENCAPSULATED DOPAMINE-SECRETING CELL LINE" <i>Experimental Neurology</i> (1991) 111:269-275
	22.	Aebischer, P. et al., "TRANSPLANTATION OF POLYMER ENCAPSULATED NEUROTRANSMITTER SECRETING CELLS: EFFECT OF THE ENCAPSULATION TECHNIQUE" <i>Journal of Biomechanical Engineering</i> (1991) 113:178-183

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	23.	Bartlett, S.T. et al., "COMPOSITE KIDNEY-ISLET TRANSPLANTATION PREVENTS RECURRENT AUTOIMMUNE BETA-CELL DESTRUCTION" <i>Surgery</i> (1993) 114:211-217
	24.	Buchser, et al., "IMMUNOISOLATED XENOGENIC CHROMAFFIN CELL THERAPY FOR CHRONIC PAIN. INITIAL CLINICAL EXPERIENCE" <i>Anesthesiol.</i> , (1996) 85:1005-1012
	25.	Chicheportiche, D. et al., "IN VITRO KINETICS OF INSULIN RELEASE BY MICROENCAPSULATED RAT ISLETS: EFFECT OF THE SIZE OF THE MICROCAPSULES" <i>Diabetologia</i> (1988) 31:54-57
	26.	Colton, C.K. (1995), "IMPLANTABLE BIOHYBRID ARTIFICIAL ORGANS" <i>Cell Transplantation</i> 4(4):415-436.
	27.	Dixit, V. et al., "A MORPHOLOGICAL AND FUNCTIONAL EVALUATION OF TRANSPLANTED ISOLATED ENCAPSULATED HEPATOCYTES FOLLOWING LONG-TERM TRANSPLANTATION IN GUNN RATS" <i>Biomater. Art. Cells & Immob. Biotech.</i> (1993) 21(2):119-133
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	29.	Gilbert, J.C. et al., "CELL TRANSPLANTATION OF GENETICALLY ALTERED CELLS ON BIODEGRADABLE POLYMER SCAFFOLDS IN SYNGENEIC RATS" <i>Transplantation</i> (1993) 56(2):423-427
	30.	Hansan, et al., "EVIDENCE THAT LONG-TERM SURVIVAL OF CONCORDANT XENOGRAFTS IS ACHIEVED BY INHIBITION OF ANTISPECIES ANTIBODY PRODUCTION" <i>Transplantation</i> , (1992) 54:408-413
	31.	Hill, R.S. et al., "MEMBRANE ENCAPSULATED ISLETS IMPLANTED IN EPIDIDYMAL FAT PADS CORRECT DIABETES IN RATS" <i>Cell Transplantation</i> (1992) 1(213):132 p. 168
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	33.	Husby, s. et al., "ORAL TOLERANCE IN HUMANS. T CELL BUT NOT B CELL TOLERANCE AFTER ANTIGEN FEEDING" <i>J. Immunol.</i> , (1994) 152:4663-4670
	34.	Kneteman, N.M. et al., "ISOLATION AND CRYOPRESERVATION OF HUMAN PANCREATIC ISLETS" <i>Transplantation Proceedings</i> (1986) XVIII(1):182-185
	35.	Lacy, P.E. et al., "MAINTENANCE OF NORMOGLYCEMIA IN DIABETIC MICE BY SUBCUTANEOUS XENOGRAFTS OF ENCAPSULATED ISLETS" <i>Science</i> (1991) 254:1782-1784
	36.	Lanza, R.P. et al., "XENOTRANSPLANTATION OF CANINE, BOVINE, AND PORCINE ISLET" <i>PNAS USA</i> (1991) 88:11100-11104.
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	38.	Liu, H. et al., "EXPRESSION OF HUMAN FACTOR IX BY MICROENCAPSULATED RECOMBINANT FIBROBLASTS" <i>Human Gene Therapy</i> (1993) 4:291-301
	39.	Lum, Z. et al., "PROLONGED REVERSAL OF DIABETIC STATE IN NOD MICE BY XENOGRAFTS OF MICROENCAPSULATED RAT ISLETS" <i>Diabetes</i> (1991) 40:1511-1516
	40.	Nossal, G.J.V. "IMMUNOLOGICAL TOLERANCE" in: <i>Fundamental Immunology</i> , Second Edition, edited by W.E. Paul, Raven Press, New York, pp 571-585 (1989)
	41.	Osband, ME et al., "PROBLEMS IN THE INVESTIGATIONAL STUDY AND CLINICAL USE OF CANCER IMMUNOTHERAPY" <i>Immunological Today</i> , (1990) 11(6):193-195
	42.	Posselt, A.M. et al., "INDUCTION OF DONOR-SPECIFIC UNRESPONSIVENESS BY INTRATHYMIC ISLET TRANSPLANTATION" <i>Science</i> (1990) 249:1293-1295
	43.	Posselt, A.M. et al., "INTRATHYMIC ISLET TRANSPLANTATION IN THE SPONTANEOUSLY DIABETIC BB RAT" <i>Ann. Surg.</i> (1991) 214(4):363-373

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| 44. | Ricordi, C. et al., "AUTOMATED METHOD FOR ISOLATION OF HUMAN PANCREATIC ISLETS" <i>Diabetes</i> (1988) 37:413-420 |
| 45. | Soon-Shiong, P. et al., "PREVENTION OF CTL AND NK CELL-MEDIATED CYTOTOXICITY BY MICROENCAPSULATION" <i>Hormone Metab. Res.</i> (1990) 25 (suppl.): 215-219 |
| 46. | Sullivan, S.J. et al., "BIOHYBRID ARTIFICIAL PANCREAS: LONG-TERM IMPLANTATION STUDIES IN DIABETIC, PANCREATECTOMIZED DOGS" <i>Science</i> (1991) 252:718-720 |
| 47. | Tai, I.T. et al., "MICROENCAPSULATION OF RECOMBINANT CELLS: A NEW DELIVERY SYSTEM FOR GENE THERAPY" <i>FASEB J.</i> (1993) 7:1061-1069 |
| 48. | Tueveson, G et al., "NEW IMMUNOSUPPRESSANTS: TESTING AND DEVELOPMENT IN ANIMAL MODELS AND THE CLINIC: WITH SPECIAL REFERENCE TO DSG" <i>Immunological Reviews</i> , (1993)136:99-109 |
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| 50. | Wong, H. et al., "THE MICROENCAPSULATION OF CELLS WITHIN ALGinate POLY-L-LYSINE MICROCAPSULES PREPARED WITH THE STANDARD SINGLE STEP DROP TECHNIQUE: HISTOLOGICALLY IDENTIFIED MEMBRANE IMPERFECTIONS AND THE ASSOCIATED GRAFT REJECTION" <i>Biomat., Art. Cells & Immob. Biotech.</i> (1991) 19(4):675-686 |

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